

Fig. 1

2/13

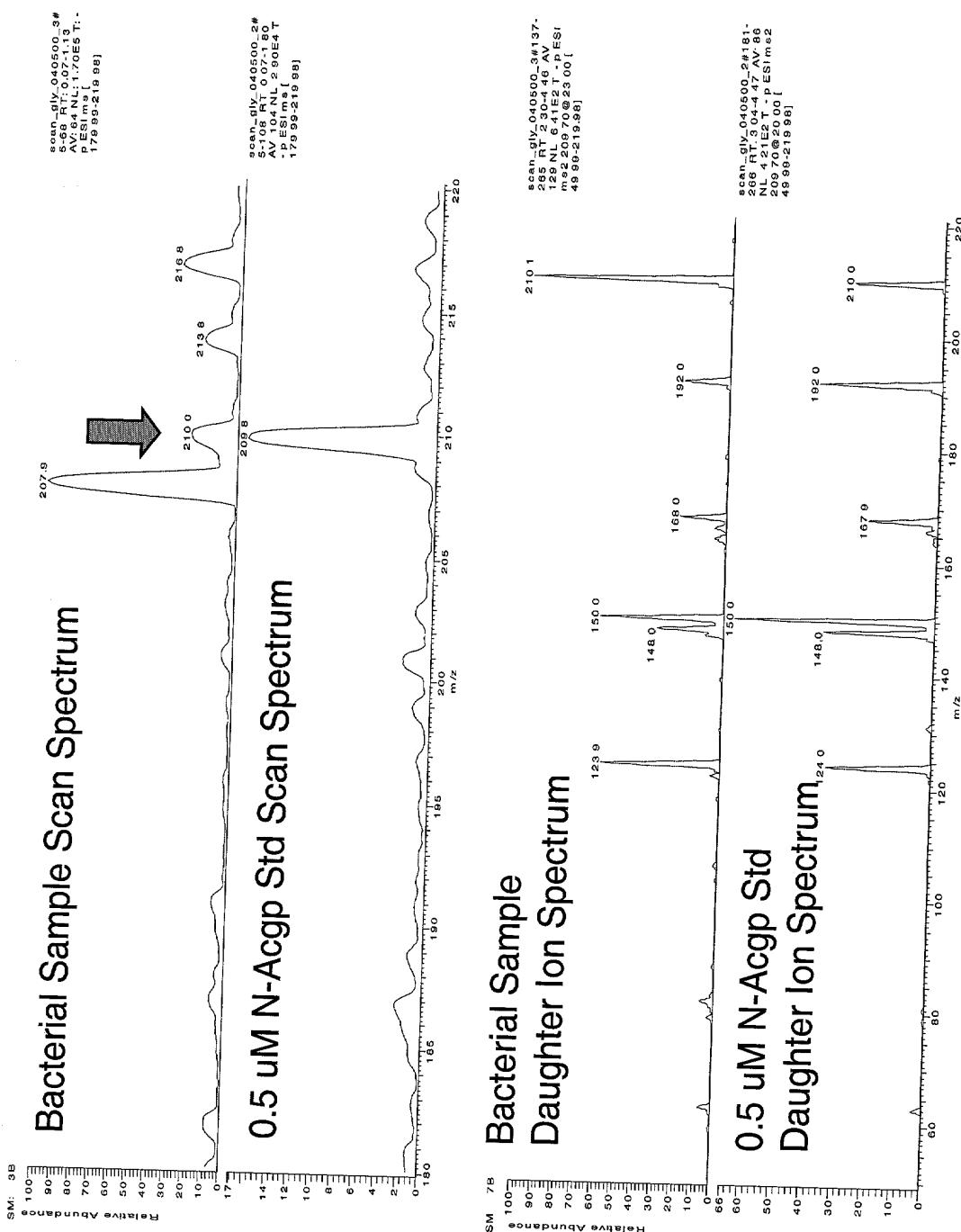


Fig. 2

3/13

Nucleotide identity between sequence pairs

	B6	DS3	ST401	NHA-2	NH5-2	yitl
B6	***	95.0	93.2	94.8	92.8	62.0
DS3		***	95.5	99.8	95.0	61.8
ST401			***	95.2	99.5	62.4
NHA-2				***	94.8	61.5
NH5-2					***	62.9
yitl						***

Fig. 3

4/13

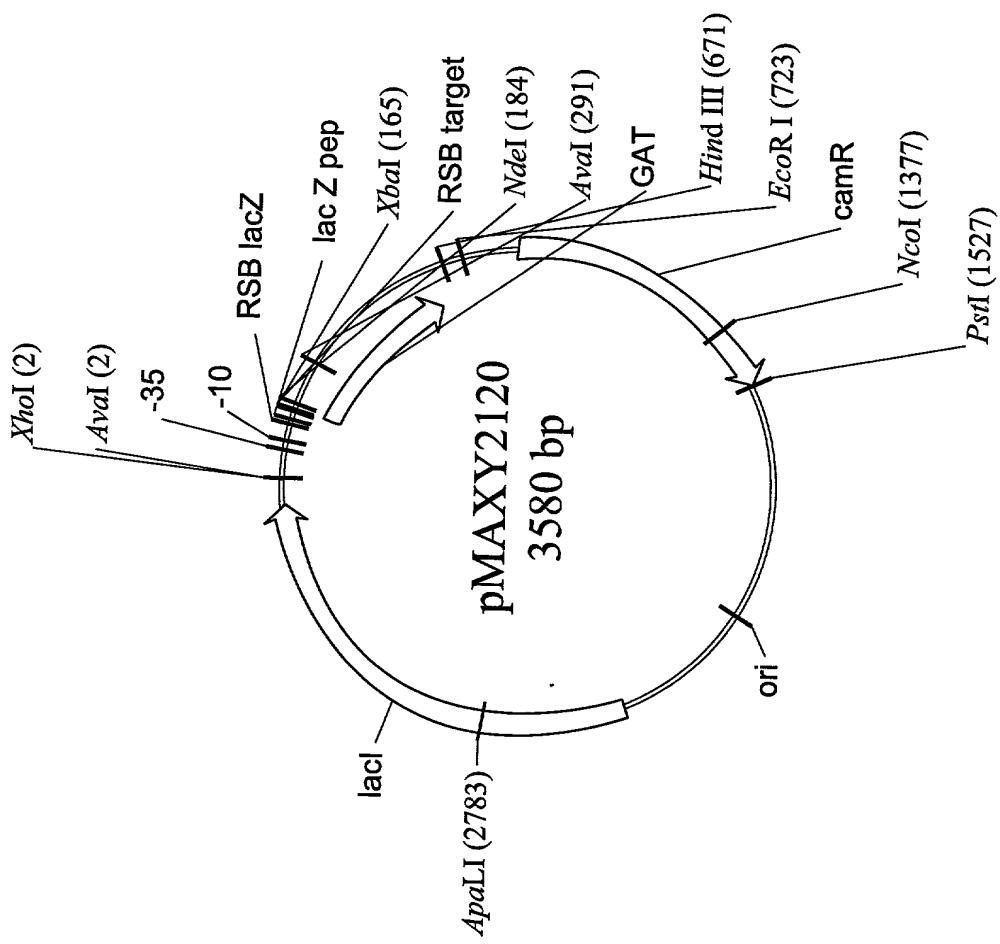
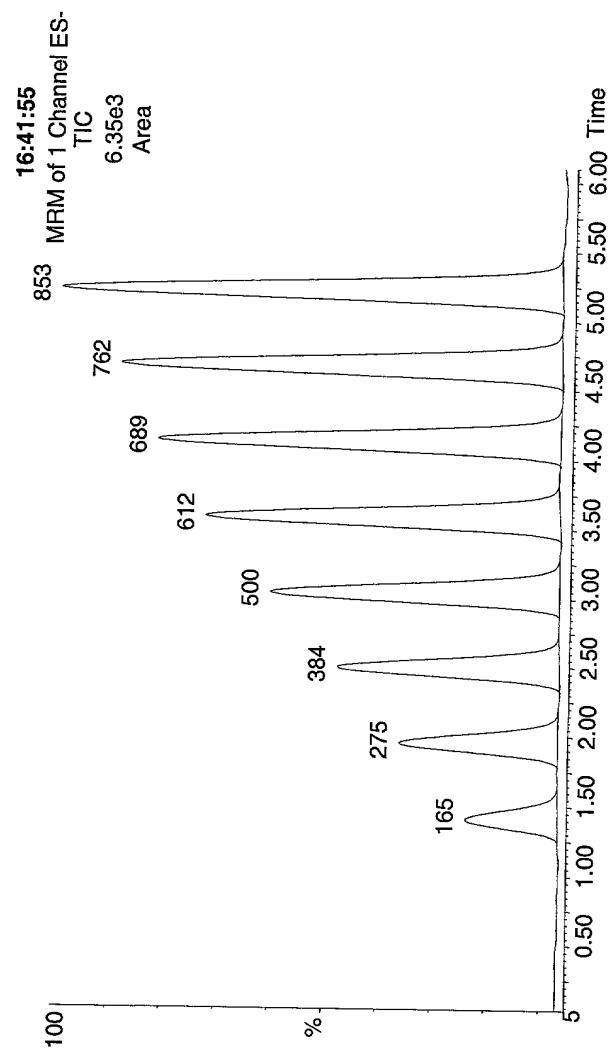


Fig. 4

5/13



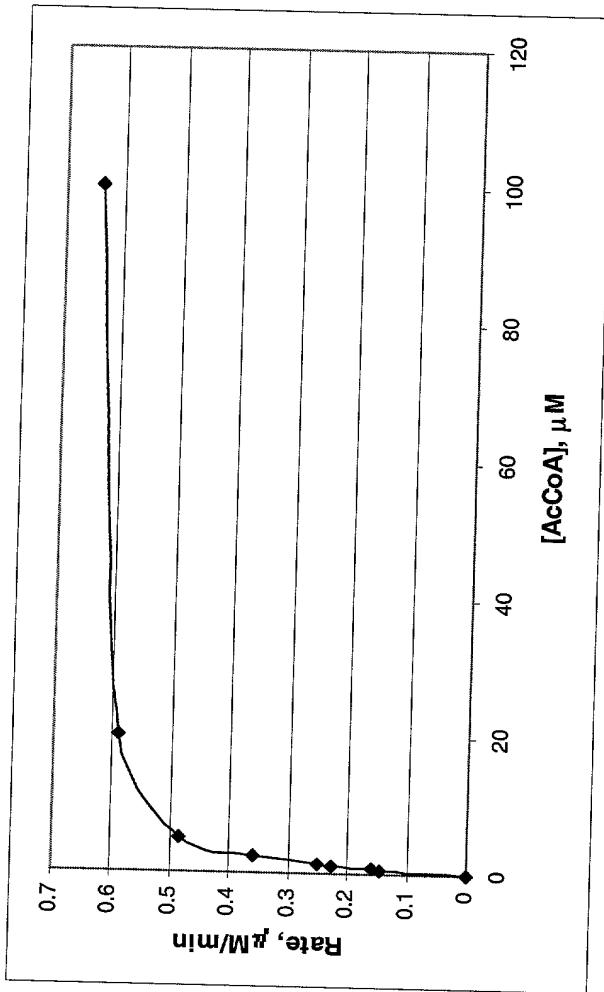
Purified B6 GAT catalyzes N-acetylglyphosate production

Fig. 5

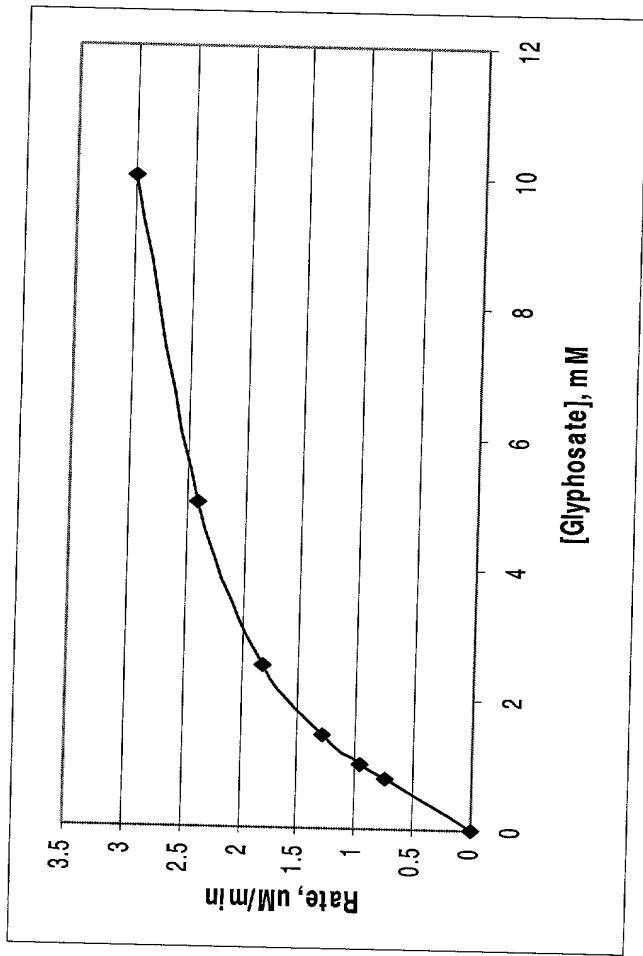
6/13

B6 GAT K_M for Acetyl CoA = 2 μM

Fig. 6



7/13



B6 GAT K_M for glyphosate = 2.9 mM

Fig. 7

8/13

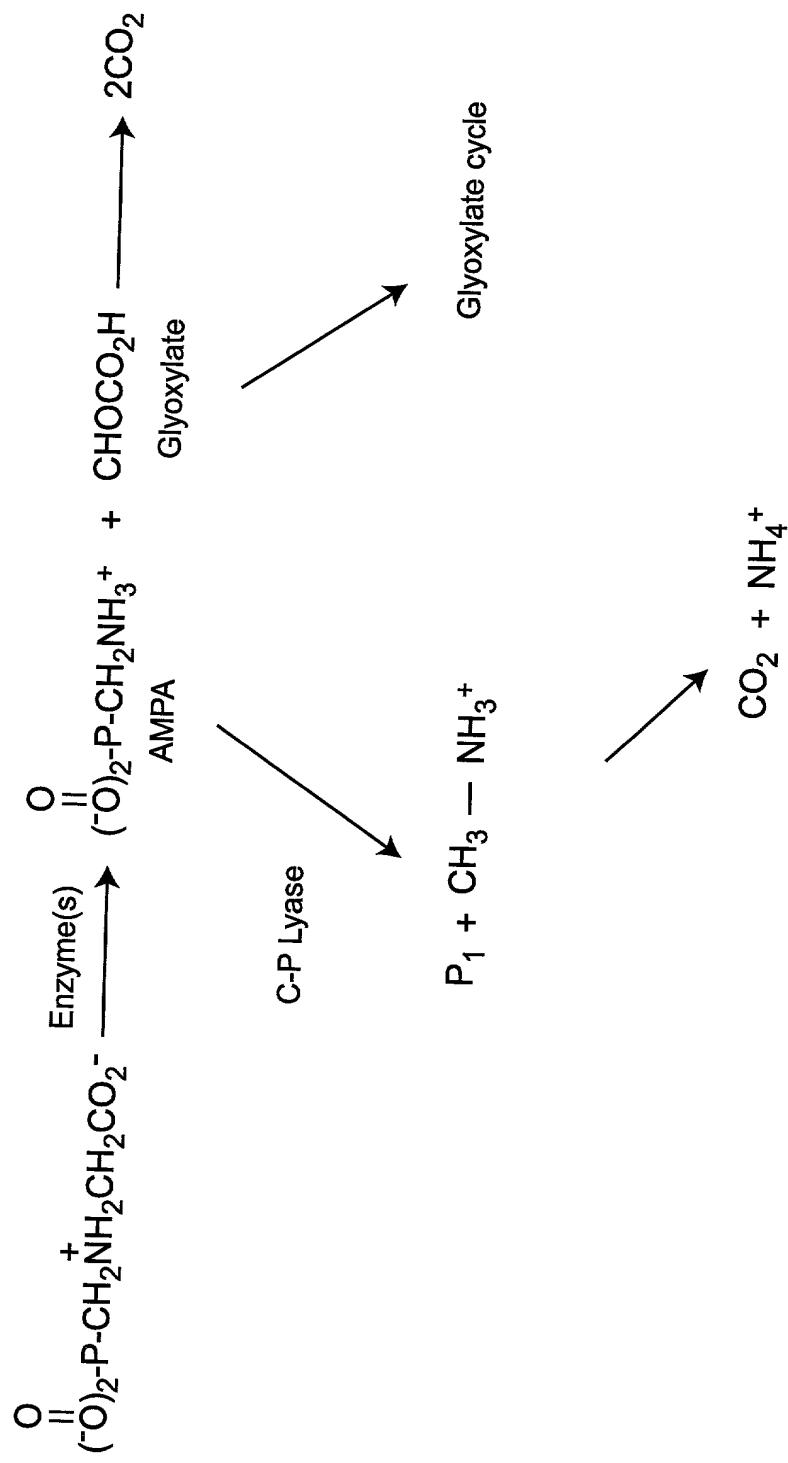


Fig. 8

9/13

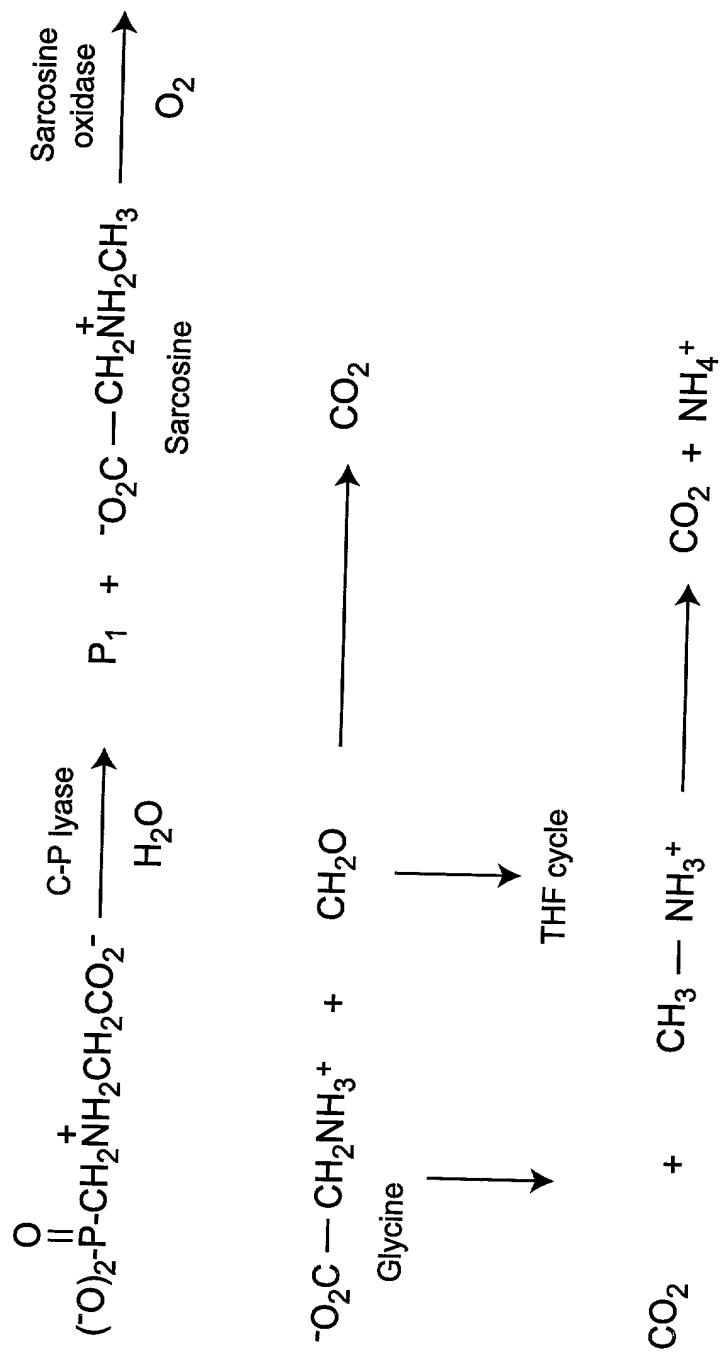


Fig. 9

10/13

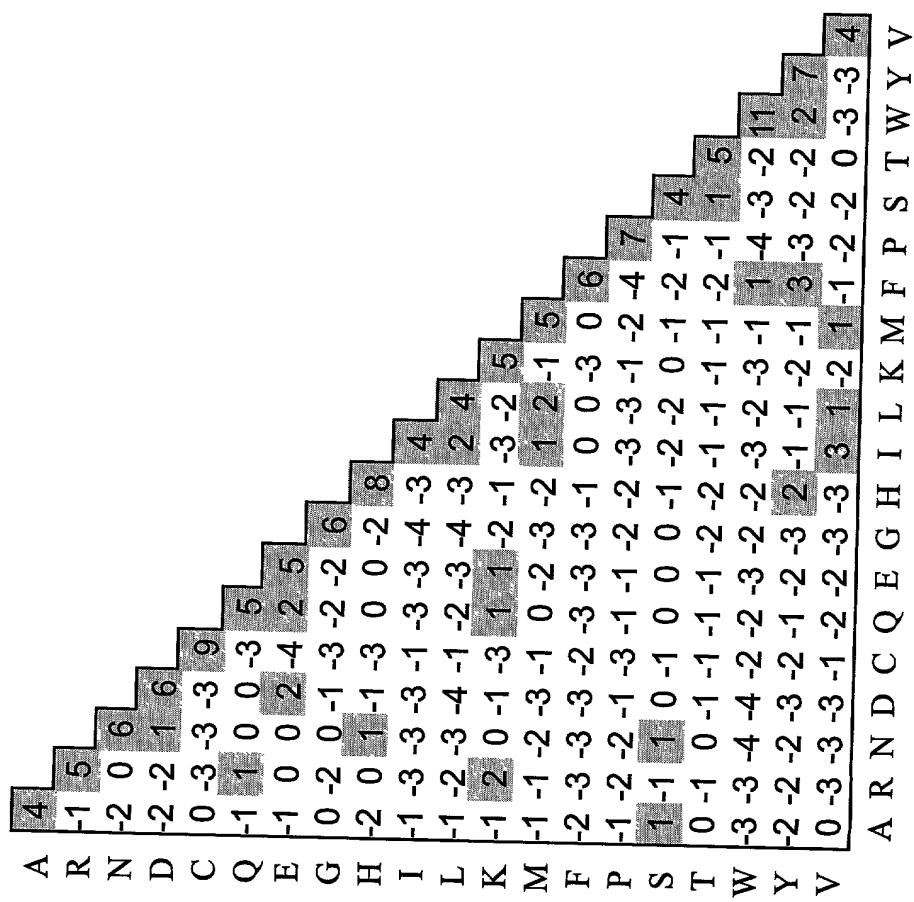


Fig. 10

11/13

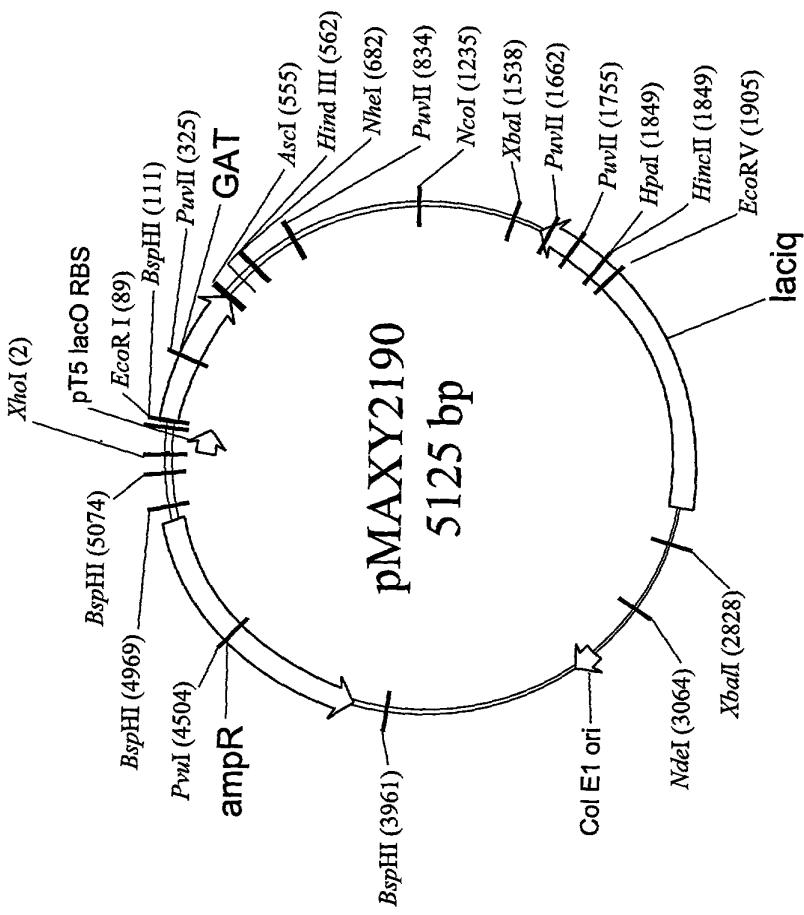


Fig. 11

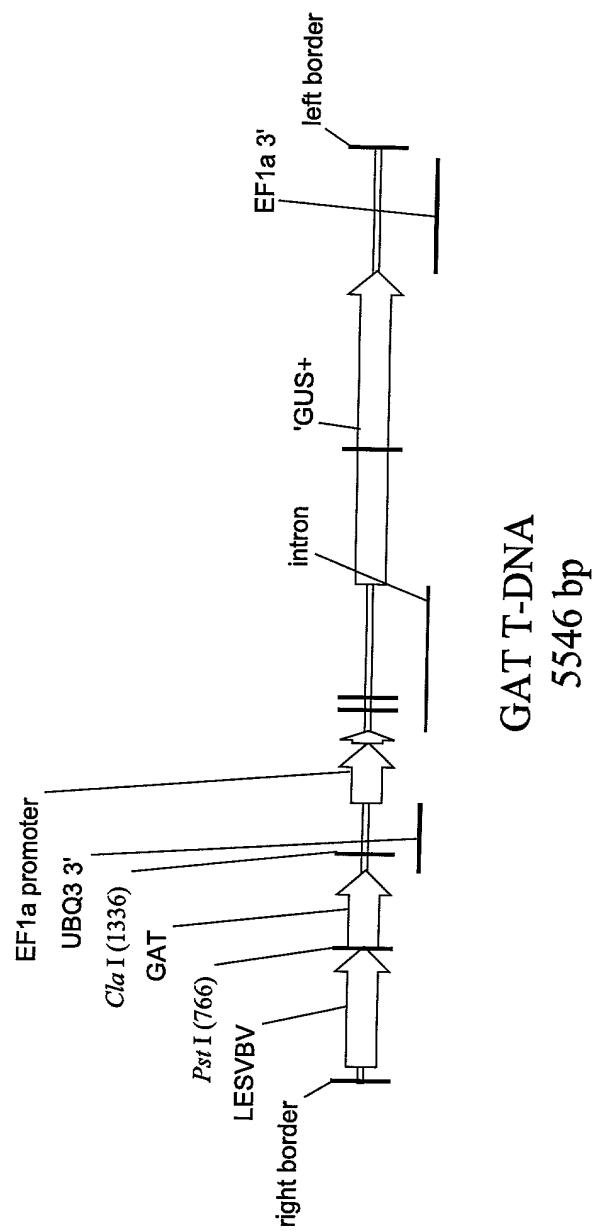


Fig. 12

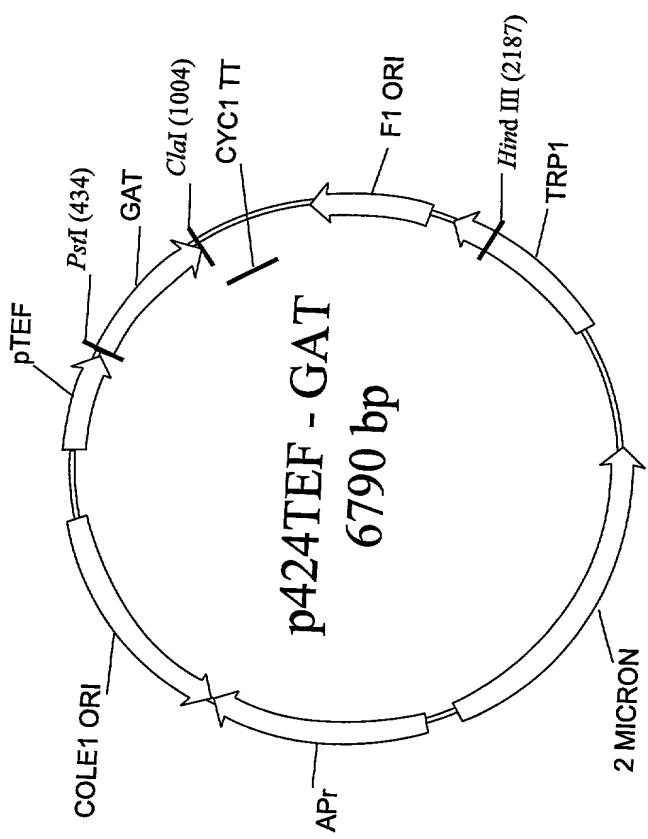


Fig. 13